IES-1050A/1080A





▶ Industrial Slim Type 5/8-port unmanaged Ethernet switch

Features

- IES-1050A provides 5 x 10/100Base-T(X) ports
- IES-1080A provides 8 x 10/100Base-T(X) ports
- Supports auto-negotiation and auto-MDI/MDI-X
- Supports store-and-forward transmission
- Supports flow control
- Warning system by relay output
- Rigid IP-30 housing design
- DIN-Rail and wall mounting enabled















Introduction

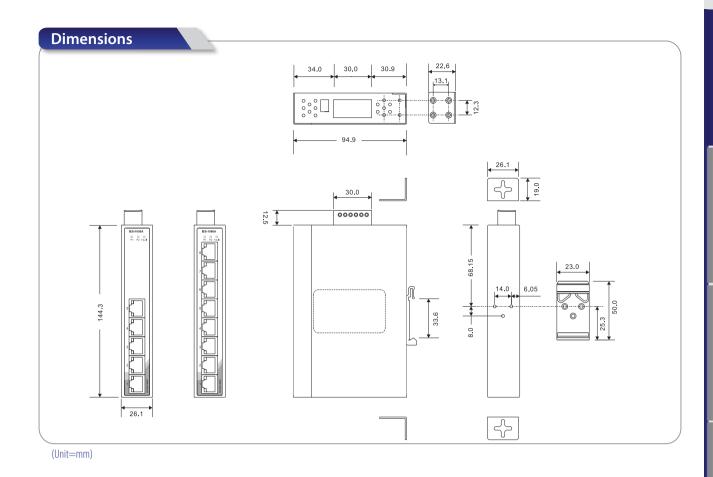
IES-1050A/1080A is unmanaged Ethernet switches with 5 or 8 x 10/100Base-T(X) ports. IES-1050A/1080A support redundant power inputs, configurable relay output alarm and rigid IP-30 housing. In addition, the wide operating temperature range from -40 to 70°C can satisfy most of operating environment.

Practical Operation

IES-1050A/1080A can be used in connecting several Ethernet devices like Ethernet I/O, IP-Camera or other Ethernet switches. In addition, there are two different power inputs at terminal block to avoid interruption caused by power down. When the primary DC power input fails, the backup power input will take over immediately to guarantee a non-stop operation.



Connections of Ethernet devices



Specifications

ORing Switch Model	IES-1080A	IES-1050A		
Physical Ports				
10/100Base-T(X) Ports in RJ45 Auto MDI/MDIX	8	5		
Technology				
Ethernet Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3x for Flow control			
MAC Table	2048 MAC addresses			
Processing	Store-and-Forward			
LED Indicators				
Power Indicator	Green: Power LED x 2			
Fault Indicator	Amber: Indicates PWR1 or PWR2 failure occurred			
10/100Base-T(X) RJ45 Port Indicator	Green for port Link/Act. Amber for Duplex/Collision			
Fault Contact				
Relay	Relay output to carry capacity of 1A at 24VDC			
Power				
Redundant Input Power	Dual DC inputs: 12~48 VDC on 6-pin terminal block			
Power Consumption (Typ.)	4 Watts	3.5 Watts		
Overload Current Protection	Present			
Reverse Polarity Protection	Present			

Physical Characteristics		
Enclosure	IP-30	
Dimensions (W x D x H)	26.1(W) x 94.9(D) x 144.3(H) mm (1.03 x 3.74 x 5.68 inch.)	
Weight (g)	391 g	382 g
Environmental		
Storage Temperature	-40 to 85°C (-40 to 185°F)	
Operating Temperature	-40 to 70°C (-40 to 158°F)	
Operating Humidity	5% to 95% Non-condensing	
Regulatory Approvals		
EMI	FCC Part 15, CISPR (EN55022) class A	
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11	
Shock	IEC60068-2-27	
Free Fall	IEC60068-2-32	
Vibration	IEC60068-2-6	
Safety	EN60950-1	
MTBF (Hours) (MIL-HDBK-217F2, GB, GC, 25°C)	707,879	
Warranty	5 years	

Ordering Information

IES-1 AAB A

Code Definition	10/100Base-T(X) Port Number	Additional Port Number
Option	- 08: 8 ports - 05: 5 ports	- 0: 0 port

	Model Name	Description	
Available Model	IES-1080A	Industrial 8-port slim type unmanaged Ethernet switch with 8x10/100Base-T(X)	
	IES-1050A	Industrial 5-port slim type unmanaged Ethernet switch with 5x10/100Base-T(X)	
Packing List IES-1050A / 1080A DIN-Rail Kit Wall-mount Kit Quick Installation Guide		Optional Accessories (Can be purchased separately) DR-45 series, 45W DIN-Rail power supply DR-75 series, 75W DIN-Rail power supply DR-120 series, 120W DIN-Rail power supply SDR-240-48, 240W DIN-Rail power supply SDR-480-48, 480W DIN-Rail power supply	